

# DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D412-742-2 REV.A OR LATER APPROVED REVISIONS AND  
INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D412-742-2 REV.0 OR LATER APPROVED REVISIONS

REF. FAA STC:SR01583SE

REF. TCCA STC: SH05-37

REF. EASA STC: EASA.IM.R.S.01126

REF. JCAB STC: STC-527-TYO

## 1.0 PURPOSE

It has come to Dart's attention that the Dart D412-742-028 Cable Guard may interfere with the use of the ground handling wheels. The purpose of this Dart Service Instruction (DSI) is to allow customers to modify/trim the D5542-1 Cable Guard that is installed as part of the D412-742-028 Cable Guard Kit to prevent this interference.

## 2.0 PROCEDURE

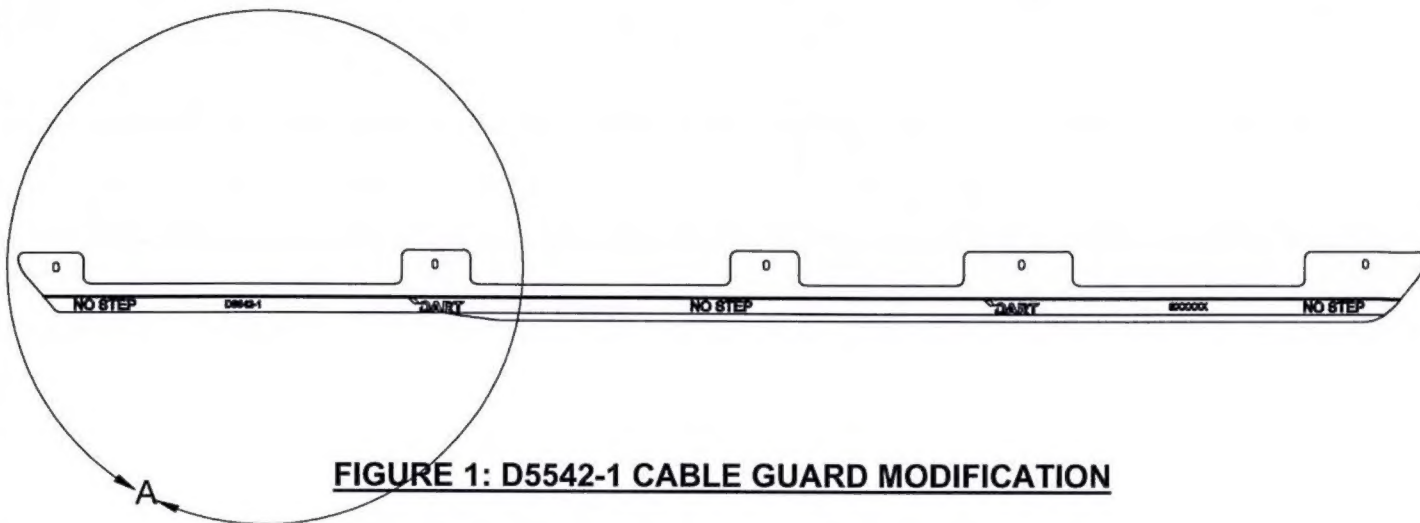
- 2.1 Remove the D5542-1 Cable Guard that is installed as part of the D412-742-028 Cable Guard Kit by removing the AN3C7A Bolts used to attach the D5542-1 Cable Guard to the D5546-1/-3/-5 Brackets.
- 2.2 Modify the D5542-1 Cable Guard by removing the Material shown in Detail A of Figure 1.
- 2.3 If additional clearance is required, it is acceptable to remove material from the tabs of the D5542-1 Cable Guard and slot the holes as shown in Detail B of Figure 1.
- 2.4 Reinstall the modified D5542-1 Cable Guard on the D5546-1/-3/-5 brackets using qty (5) AN3C7A Bolts and associated hardware. Torque bolts 20-25 in-lb (2.2-2.8 N-m).
- 2.5 Make an entry into the aircraft logbook to indicate that the D412-742-028 Cable Guard was modified per DSI 9900.

## 3.0 WEIGHT AND BALANCE

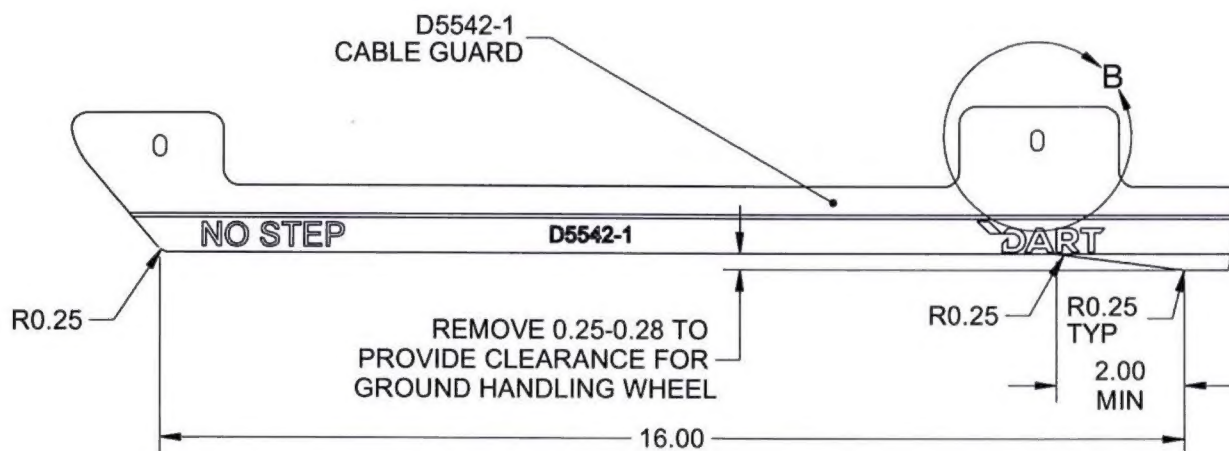
This DSI has negligible effect on weight and balance

A	NEW ISSUE, REASON: ECR 486	SAD	23.02.22
REV.	DESCRIPTION	BY	DATE
DESIGN	SAD	<b>DART AEROSPACE USA, INC.</b> HILLSBORO, OR	
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MFG. APPR.	SAD	DSI 9900	SHEET 1 OF 2
APPROVED	SAD	TITLE	SCALE
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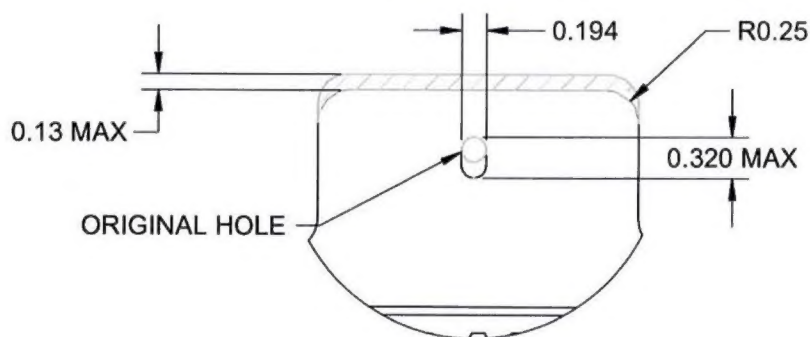
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**FIGURE 1: D5542-1 CABLE GUARD MODIFICATION**



**DETAIL A**



**DETAIL B**

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**DART AEROSPACE USA, INC.**  
HILLSBORO, OR

DRAWING NO.  
**DSI 9900**

TITLE  
**CABLE GUARD**

REV. A  
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